





VALVTECT® MARINE GASOLINE ADDITIVE GASOLINE TREATMENT (VMGAF)

ValvTect® MARINE GASOLINE ADDITIVE (VMGAF) is an advanced high performance gasoline additive designed to protect fuel systems from problems caused by ethanol gasoline (up to E85) and non-ethanol gasoline.

ValvTect® Marine Gasoline Additive is formulated with:

- A very sophisticated detergent/dispersant package to help gasoline powered engines operate at peak performance by cleaning up deposits and keeping the engine & fuel system "super clean" & in "like new" condition.
- Powerful stabilizers/antioxidants to keep fuel fresh and extend the shelf life as much as 2 years or more
- Additional corrosion inhibitors to protect fuel systems from rust and corrosion. This is important in marine applications and other high moisture, vented fuel tank environments.
- Moisture control to help prevent build-up of water, prevent phase separation and maintain octane rating.
- Friction modifier to reduce friction between moving parts and maximize operating efficiency.

Continued use of ValvTect® Marine Gasoline Additive can reduce fuel consumption, improve acceleration, improve engine octane performance & lower harmful exhaust emissions. Product performance has been documented by ASTM, SAE & NACE corrosion tests with both ethanol & ethanol free grades of gasoline. It has been tested extensively in BMW, Honda, GM, Ford, Mercedes Benz, VW & Yamaha engines. Continuous use helps provide the following:

FEATURES AND BENEFITS

- Prevents ethanol/gasoline related problems.
- Stabilizes fuel for long term storage. Extends the shelf life of gasoline up to 2 years or more.
- Extra corrosion inhibitor to prevent rust & corrosion of fuel system (A rated in NACE tests).
- Cleans up fuel injectors, intake valves, intake port & manifold deposits.
- Cleans up combustion chamber & carburetor deposits.
- Disperses water to help safely remove it. (Helps prevents phase separation with ethanol gasoline.)
- Prevents fuel filter plugging & helps extends fuel filter life.
- Contains Friction Modifier for maximum performance.
- Improves engine power, acceleration & performance.*
- Reduces fuel consumption. *
- Helps prevent fuel line freezing.
- Prevents octane number loss.
- Safe for all 2 cycle & 4 cycle gasoline engines.
- Eliminates the need for other fuel additives.
- Treat rate 1 oz to 10 gals (30mL to ~38L). Double treatment not required for long term storage.

^{*} Based on clean-up of fuel system deposits.



PRODUCT DATA SHEET

VALVTECT® MARINE GASOLINE ADDITIVE GASOLINE TREATMENT (VMGAF)

APPLICATIONS

This gasoline additive is specially formulated for use in all types of 2 & 4 cycle gasoline engines. This product may be used in all heavy-duty, high performance, marine, RV, ATV, automotive, & other gasoline engines when engine cleanliness, longer shelf life & additional performance is desired. This product does not replace the need for 2-cycle oil.

BLENDING RECOMMENDATIONS

Product should be added directly to the fuel tank prior to adding fuel. Fuel tank should have a 20% heel of gasoline & be free of excess water and/or sludge. Double treat not required for long term storage. If spilled, wipe immediately.

<u>Treat Rate</u>	<u>Detergency</u>
1oz: 10 gallons	Clean Up & Keep Clean
4 oz: 40 gallons	Clean Up & Keep Clean
16 oz: 160 gallons	Clean Up & Keep Clean
32 oz: 320 gallons	Clean Up & Keep Clean

SAFETY PRECAUTIONS

When handling this product, persons should exercise caution and use with adequate ventilation. Avoid contact with skin and eyes. Close container after each use. See cautions indicated on bottle and in the corresponding Safety Data Sheet before handling and storing this product.

WARRANTY

We guarantee this product to comply with our published specifications. Since the use of this product is beyond our control, we disclaim responsibility for its performance, handling, use, storage, the results obtained, or any injury of any nature resulting there from. Product warrantee and seller's obligations apply only to replacement of product. Seller assumes no liability for any claim or loss of any other kind. In no event shall seller be liable for indirect punitive, special or consequential damages or expenses. Any warrantee claim shall be governed by and construed in accordance with the laws and jurisdiction of the State of Illinois.

TYPICAL SPECIFICATIONS

Appearance	Clear to Amber
Specific Gravity @ 60° F	0.8718
Density, lbs./gal. (approx.)	7.27
Flash Point °F, PMCC	
Additive Pour Point °F	<-50
Viscosity @ 77° F cSt	1.86



PACKAGING

Available in 4oz (118mL), 16oz (473 mL), and 32oz (946mL) containers.